NESS

Ness Technologies enables customers from more than 20 countries to realize their business and technological goals. With approximately 5,000 experts in offices in North America, Europe and India, and almost 430 in Bratislava and Košice, Ness combines the advantages of global know-how and local knowledge.
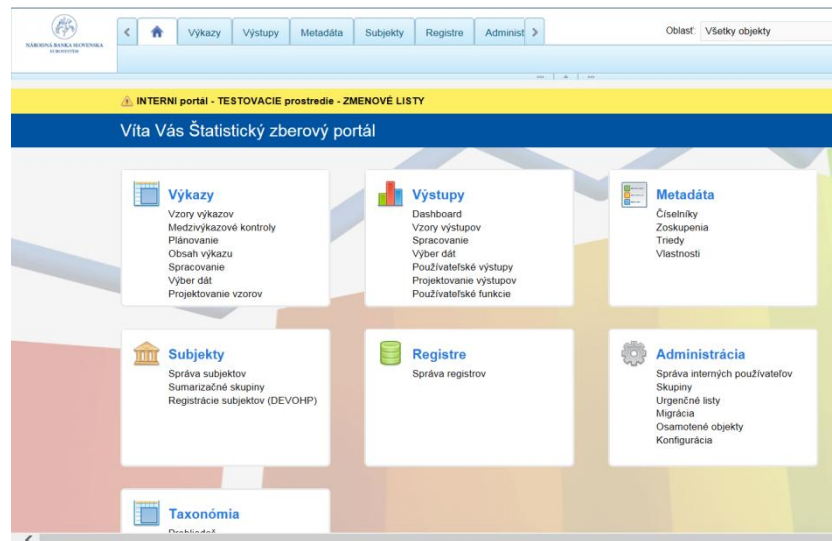
About NESS

Ness Technologies, owned by American investment company Rohatyn Group, is a global partner in the field of business processes and technologies. We specialize in software products and applications development, system integration, consulting and software distribution. The provided services are built on long-established and proven competencies, including the outsourcing offering, nearshore and offshore deliveries.

"Learning period is short and the time necessary for the development of interfaces is nearly always respected."

ZK x Statistics and Reporting Portal

Statistics and Reporting Portal is our software used to supervise data acquisition, processing, analysis and management for the customer. The portal was developed by a relatively small team. However, internal users in the customer count include nearly a hundred employees; in addition, there are thousands of end users involved in reporting subjects. Many work with the portal on a daily basis.

The project started in 2013. It is still evolving and continuing to reflect the dynamics of supervisory data processing information systems in Europe.

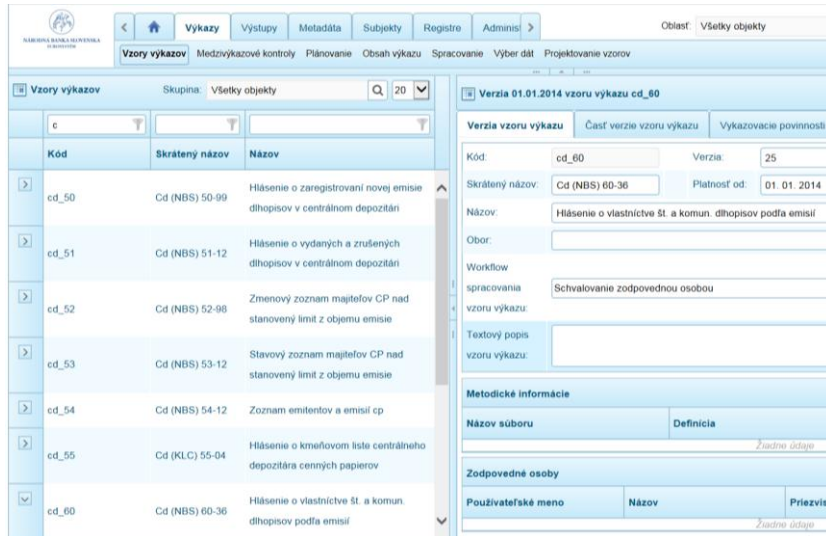*"ZK Spreadsheet offers nearly all the functionalities we need."*

Architecture

The project uses technologies like ZK Framework (ZK Professional Package, ZK Spreadsheet EE, ZK Pivottable), JBoss, Oracle Database Enterprise Edition, RedHat Enterprise Linux Server and more.

The Challenge

One of the major challenges we faced is the implementation of a complex multidimensional system that is also able to perform fast, secure and effective data processing in the sensitive field of supervisory and reporting data.

The predecessors of our solution were various structures and methods of supervisory data reporting, e. g. MS Excel or Lotus Notes. Our solution based on ZK is more universal, user-friendly and demands nearly nothing on the site of reporting institutions (only general requirements like supported OS, browser or Java version).

Why ZK

As for Java alternatives, only OpenFaces was considered. We started to evaluate the quality of the spreadsheet module of ZK. At the same time, we also looked at the entire ZK Framework and considered it very useful for us. Its many fine-tuned components and well-documented interface make it possible for us to modify and expand its functionality. After testing the demo, ZK was chosen as a complete front-end solution.

The Best of ZK

ZK Framework serves as the perfect base for our solution, which

successfully satisfies the needs of our customer (i.e. statistics). ZK Spreadsheet and Pivottable offer nearly all the functionalities we need. We consider the table and multidimensional view of data particularly important, as these include key features of Statistics and Reporting Portal.

The Result

The result of implementing Statistics and Reporting Portal is a unified, universal, robust, safe and customizable method for reporting data processing. In our next development, we will reflect new needs of our customers, such as demands of supervisory data reporting for various European supervisory authorities. We will continue to work with ZK Framework and plan to use it in a similar project for other customers in the Cheque Republic.

https://aszp.nbs.sk – Public part of Statistics and Reporting Portal